111TH CONGRESS	\mathbf{C}	
1st Session		
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To improve the loan guarantee program of the Department of Energy under title XVII of the Energy Policy Act of 2005, to provide additional options for deploying energy technologies, and for other purposes.

IN THE SENATE OF THE UNITED STATES

	introduced the	following	bill;	which	was	read	twice
and referred to	the Committee	on					

A BILL

- To improve the loan guarantee program of the Department of Energy under title XVII of the Energy Policy Act of 2005, to provide additional options for deploying energy technologies, and for other purposes.
 - 1 Be it enacted by the Senate and House of Representa-
 - 2 tives of the United States of America in Congress assembled,
 - 3 SECTION 1. SHORT TITLE.
 - 4 This Act may be cited as the "21st Century Energy
 - 5 Technology Deployment Act".
 - 6 SEC. 2. PURPOSE.
 - 7 The purpose of this Act is to promote the domestic
 - 8 development and deployment of clean energy technologies

required for the 21st century through the improvement of 1 2 existing programs and the establishment of a self-sustaining Clean Energy Deployment Administration that will 3 4 provide for an attractive investment environment through partnership with and support of the private capital market 6 in order to promote access to affordable financing for ac-7 celerated and widespread deployment of— 8 (1) clean energy technologies; 9 (2) advanced or enabling energy infrastructure 10 technologies; 11 (3) energy efficiency technologies in residential, 12 commercial, and industrial applications; and 13 (4) advanced manufacturing technologies for 14 any of the technologies or applications described in 15 this section. 16 SEC. 3. DEFINITIONS. 17 In this Act: 18 (1) Administration.—The term "Administra-19 tion" means the Clean Energy Deployment Adminis-20 tration established by section 6. ADMINISTRATOR.—The term 21 (2)"Adminis-22 trator" means the Administrator of the Administra-23 tion.

1	(3) Advisory Council.—The term "Advisory
2	Council" means the Energy Technology Advisory
3	Council of the Administration.
4	(4) Breakthrough technology.—The term
5	"breakthrough technology" means a clean energy
6	technology that—
7	(A) presents a significant opportunity to
8	advance the goals developed under section 5, as
9	assessed under the methodology established by
10	the Advisory Council; but
11	(B) has generally not been considered a
12	commercially ready technology as a result of
13	high perceived technology risk or other similar
14	factors.
15	(5) CLEAN ENERGY TECHNOLOGY.—The term
16	"clean energy technology" means a technology re-
17	lated to the production, use, transmission, storage,
18	control, or conservation of energy—
19	(A) that will—
20	(i) reduce the need for additional en-
21	ergy supplies by using existing energy sup-
22	plies with greater efficiency or by transmit-
23	ting, distributing, or transporting energy
24	with greater effectiveness through the in-
25	frastructure of the United States;

1	(ii) diversify the sources of energy
2	supply of the United States to strengthen
3	energy security and to increase supplies
4	with a favorable balance of environmental
5	effects if the entire technology system is
6	considered; or
7	(iii) contribute to a stabilization of at-
8	mospheric greenhouse gas concentrations
9	thorough reduction, avoidance, or seques-
10	tration of energy-related emissions; and
11	(B) for which, as determined by the Ad-
12	ministrator, insufficient commercial lending is
13	available to allow for widespread deployment.
14	(6) Cost.—The term "cost" has the meaning
15	given the term in section 502 of the Federal Credit
16	Reform Act of 1990 (2 U.S.C. 661a).
17	(7) DIRECT LOAN.—The term "direct loan" has
18	the meaning given the term in section 502 of the
19	Federal Credit Reform Act of 1990 (2 U.S.C. 661a).
20	(8) Fund.—The term "Fund" means the Clean
21	Energy Investment Fund established by section 4(a).
22	(9) LOAN GUARANTEE.—The term "loan guar-
23	antee" has the meaning given the term in section
24	502 of the Federal Credit Reform Act of 1990 (2
25	U.S.C. 661a).

1	(10) National Laboratory.—The term "Na-
2	tional Laboratory" has the meaning given the term
3	in section 2 of the Energy Policy Act of 2005 (42
4	U.S.C. 15801).
5	(11) Secretary.—The term "Secretary"
6	means the Secretary of Energy.
7	(12) Security.—The term "security" has the
8	meaning given the term in section 2 of the Securities
9	Act of 1933 (15 U.S.C. 77b).
10	(13) State.—The term "State" means—
11	(A) a State;
12	(B) the District of Columbia;
13	(C) the Commonwealth of Puerto Rico;
14	(D) any other territory or possession of the
15	United States; and
16	(E) a United States military base or other
17	United States overseas facility.
18	(14) Technology risk.—The term "tech-
19	nology risk" means the risks during construction or
20	operation associated with the design, development,
21	and deployment of clean energy technologies (includ-
22	ing the cost, schedule, performance, reliability and
23	maintenance, and accounting for the perceived risk),
24	from the perspective of commercial lenders, that
25	may be increased as a result of the absence of ade-

1	quate historical construction and operating data
2	from commercial applications of the technology.
3	SEC. 4. IMPROVEMENTS TO EXISTING PROGRAMS.
4	(a) CLEAN ENERGY INVESTMENT FUND.—.
5	(1) Establishment.—There is established in
6	the Treasury of the United States a revolving fund,
7	to be known as the "Clean Energy Investment
8	Fund", consisting of—
9	(A) such amounts as have been appro-
10	priated for administrative expenses to carry out
11	title XVII of the Energy Policy Act of 2005 (42
12	U.S.C. 16511 et seq.);
13	(B) such amounts as are deposited in the
14	Fund under this Act and amendments made by
15	this Act; and
16	(C) such sums as may be appropriated to
17	supplement the Fund.
18	(2) Expenditures from fund.—
19	(A) In General.—Notwithstanding sec-
20	tion 1705(e) of the Energy Policy Act of 2005
21	(42 U.S.C. 16516(e)), amounts in the Fund
22	shall be available to the Secretary for obligation
23	without fiscal year limitation, to remain avail-
24	able until expended.
25	(B) Administrative expenses.—

1	(i) Fees.—Fees collected for adminis-
2	trative expenses shall be available without
3	limitation to cover applicable expenses.
4	(ii) Fund.—To the extent that ad-
5	ministrative expenses are not reimbursed
6	through fees, an amount not to exceed 1.5
7	percent of the amounts in the Fund as of
8	the beginning of each fiscal year shall be
9	available to pay the administrative ex-
10	penses for the fiscal year necessary to
11	carry out title XVII of the Energy Policy
12	Act of 2005 (42 U.S.C. 16511 et seq.).
13	(3) Transfers of amounts.—
14	(A) In general.—The amounts required
15	to be transferred to the Fund under this sub-
16	section shall be transferred at least monthly
17	from the general fund of the Treasury to the
18	Fund on the basis of estimates made by the
19	Secretary of the Treasury.
20	(B) Adjustments.—Proper adjustment
21	shall be made in amounts subsequently trans-
22	ferred to the extent prior estimates were in ex-
23	cess of or less than the amounts required to be
24	transferred.

1	(b) Revisions to Loan Guarantee Program Au-
2	THORITY.—
3	(1) DEFINITION OF COMMERCIAL TECH
4	NOLOGY.—Section 1701(1) of the Energy Policy Ac
5	of 2005 (42 U.S.C. 16511(1)) is amended by strik
6	ing subparagraph (B) and inserting the following:
7	"(B) Exclusion.—The term 'commercia
8	technology' does not include a technology if the
9	sole use of the technology is in connection
10	with—
11	"(i) a demonstration project; or
12	"(ii) a project for which the Secretary
13	approved a loan guarantee.".
14	(2) Specific appropriation or contribu
15	TION.—Section 1702 of the Energy Policy Act of
16	2005 (42 U.S.C. 16512) is amended by striking sub
17	section (b) and inserting the following:
18	"(b) Specific Appropriation or Contribu
19	TION.—
20	"(1) In General.—No guarantee shall be
21	made unless sufficient amounts to account for the
22	cost are available—
23	"(A) in unobligated balances within the
24	Clean Energy Investment Fund established

1	under section 4(a) of the 21st Century Energy
2	Technology Deployment Act;
3	"(B) as a payment from the borrower and
4	the payment is deposited in the Clean Energy
5	Investment Fund; or
6	"(C) in any combination of balances and
7	payments described in subparagraphs (A) and
8	(B), respectively.
9	"(2) Limitation.—The source of payments re-
10	ceived from a borrower under paragraph (1)(B) shall
11	not be a loan or other debt obligation that is made
12	or guaranteed by the Federal Government.
13	"(3) Relation to other laws.—Section
14	504(b) of the Federal Credit Reform Act of 1990 (2
15	U.S.C. 661c(b)) shall not apply to a loan or loan
16	guarantee under this section.".
17	(3) Subrogation.—Section 1702(g)(2) of the
18	Energy Policy Act of 2005 (42 U.S.C. $16512(g)(2)$)
19	is amended—
20	(A) by striking subparagraph (B); and
21	(B) by redesignating subparagraph (C) as
22	subparagraph (B).
23	(4) Fees.—Section 1702(h) of the Energy Pol-
24	icy Act of 2005 (42 U.S.C. 16512(h)) is amended by
25	striking paragraph (2) and inserting the following:

1	"(2) AVAILABILITY.—Fees collected under this
2	subsection shall—
3	"(A) be deposited by the Secretary in the
4	Clean Energy Investment Fund established
5	under section 4(a) of the 21st Century Energy
6	Technology Deployment Act; and
7	"(B) remain available to the Secretary for
8	expenditure, without further appropriation or
9	fiscal year limitation, for administrative ex-
10	penses incurred in carrying out this title.
11	"(3) Adjustment.—The Secretary may adjust
12	the amount or manner of collection of fees under
13	this title as the Secretary determines is necessary to
14	promote, to the maximum extent practicable, eligible
15	projects under this title.".
16	(5) Processing.—Section 1702 of the Energy
17	Policy Act of 2005 (42 U.S.C. 16512) is amended
18	by adding at the end the following:
19	"(k) Accelerated Reviews.—To the maximum ex-
20	tent practicable and consistent with sound business prac-
21	tices, the Secretary shall seek to consolidate reviews of ap-
22	plications for loan guarantees under this title such that
23	decisions as to whether to enter into a conditional commit-
24	ment on an application can be issued not later than 180

days after the date of submission of a completed applica-1 2 tion.". 3 (6) Wage rates.—Section 1705(c) of the En-4 ergy Policy Act of 2005 (42 U.S.C. 16516(c)) is 5 amended by striking "support under this section" 6 and inserting "support under this title". 7 SEC. 5. ENERGY TECHNOLOGY DEPLOYMENT GOALS. 8 (a) Goals.—Not later than 1 year after the date of enactment of this Act, the Secretary, after consultation 10 with the Advisory Council, shall develop and publish for review and comment in the Federal Register near-, me-11 12 dium-, and long-term goals (including numerical perform-13 ance targets at appropriate intervals to measure progress toward those goals) for the deployment of clean energy 14 15 technologies through the credit support programs established by this Act (including an amendment made by this 16 17 Act) to promote— 18 (1) sufficient electric generating capacity using 19 clean energy technologies to meet the energy needs 20 of the United States; 21 (2) clean energy technologies in vehicles and 22 fuels that will substantially reduce the reliance of 23 the United States on foreign sources of energy and 24 insulate consumers from the volatility of world en-25 ergy markets;

1	(3) a domestic commercialization and manufac-
2	turing capacity that will establish the United States
3	as a world leader in clean energy technologies across
4	multiple sectors;
5	(4) installation of sufficient infrastructure to
6	allow for the cost-effective deployment of clean en-
7	ergy technologies appropriate to each region of the
8	United States;
9	(5) the transformation of the building stock of
10	the United States to zero net energy consumption
11	(6) the recovery, use, and prevention of waste
12	energy;
13	(7) domestic manufacturing of clean energy
14	technologies on a scale that is sufficient to achieve
15	price parity with conventional energy sources;
16	(8) domestic production of commodities and
17	materials (such as steel and cement) using clean en-
18	ergy technologies so that the United States will be-
19	come a world leader in environmentally sustainable
20	production of the commodities and materials;
21	(9) a robust, efficient, and interactive electricity
22	transmission grid that will allow for the incorpora-
23	tion of clean energy technologies, distributed genera-
24	tion, and demand-response in each regional electric
25	grid;

1	(10) sufficient availability of financial products
2	to allow owners and users of residential, retail, and
3	commercial buildings to make energy efficiency and
4	distributed generation technology investments with
5	reasonable payback periods; and
6	(11) such other goals as the Secretary, in con-
7	sultation with the Advisory Council, determines to be
8	consistent with the purposes of this Act.
9	(b) Revisions.—The Secretary shall revise the goals
10	established under subsection (a), from time to time as ap-
11	propriate, to account for advances in technology and
12	changes in energy policy.
13	SEC. 6. CLEAN ENERGY DEPLOYMENT ADMINISTRATION.
14	(a) Establishment.—
15	(1) In general.—There is established in the
16	Department of Energy an administration to be
17	known as the Clean Energy Deployment Administra-
18	tion, under the direction of the Administrator and
19	the Board of Directors.
20	(2) Status.—
21	(A) In General.—The Administration
22	(including officers, employees, and agents of the
23	Administration) shall not be responsible to, or
24	subject to the authority, direction, or control of,
25	any other officer, employee, or agent of the De-

1	partment of Energy other than the Secretary,
2	acting through the Administrator.
3	(B) Exemption from reorganiza-
4	TION.—The Administration shall be exempt
5	from the reorganization authority provided
6	under section 643 of the Department of Energy
7	Reorganization Act (42 U.S.C. 7253).
8	(C) Inspector general.—Section 12 of
9	the Inspector General Act of 1978 (5 U.S.C.
10	App.) is amended—
11	(i) in paragraph (1), by inserting "the
12	Administrator of the Clean Energy Deploy-
13	ment Administration;" after "Export-Im-
14	port Bank;"; and
15	(ii) in paragraph (2), by inserting
16	"the Clean Energy Deployment Adminis-
17	tration," after "Export-Import Bank,".
18	(3) Offices.—
19	(A) Principal office.—The Administra-
20	tion shall—
21	(i) maintain the principal office of the
22	Administration in the District of Columbia
23	and

1	(ii) for purposes of venue in civil ac-
2	tions, be considered to be a resident of the
3	District of Columbia.
4	(B) OTHER OFFICES.—The Administration
5	may establish other offices in such other places
6	as the Administration considers necessary or
7	appropriate for the conduct of the business of
8	the Administration.
9	(b) Administrator.—
10	(1) In General.—The Administrator shall
11	be—
12	(A) appointed by the President, with the
13	advice and consent of the Senate, for a 5-year
14	term; and
15	(B) compensated at the annual rate of
16	basic pay prescribed for level II of the Execu-
17	tive Schedule under section 5313 of title 5,
18	United States Code.
19	(2) Duties.—The Administrator shall—
20	(A) serve as the Chief Executive Officer of
21	the Administration and Chairman of the Board;
22	(B) ensure that—
23	(i) the Administration operates in a
24	safe and sound manner, including mainte-
25	nance of adequate capital and internal con-

1	trols (consistent with section 404 of the
2	Sarbanes-Oxley Act of 2002 (15 U.S.C.
3	7262));
4	(ii) the operations and activities of the
5	Administration foster liquid, efficient, com-
6	petitive, and resilient energy finance mar-
7	kets;
8	(iii) the Administration carries out the
9	purposes of this Act only through activities
10	that are authorized under and consistent
11	with this Act; and
12	(iv) the activities of the Administra-
13	tion and the manner in which the Adminis-
14	tration is operated are consistent with the
15	public interest;
16	(C) develop policies and procedures for the
17	Administration that will—
18	(i) promote a self-sustaining portfolio
19	of investments that will maximize the value
20	of investments to effectively promote clean
21	energy technologies;
22	(ii) promote transparency and open-
23	ness in Administration operations;

1	(iii) afford the Administration with
2	sufficient flexibility to meet the purposes of
3	this Act; and
4	(iv) provide for the efficient proc-
5	essing of applications; and
6	(D) with the concurrence of the Board, set
7	expected loss reserves for the support provided
8	by the Administration consistent with section
9	7(a)(1)(C).
10	(c) Board of Directors.—
11	(1) IN GENERAL.—The Board of Directors of
12	the Administration shall consist of—
13	(A) the Secretary or the designee of the
14	Secretary, who shall serve as an ex-officio vot-
15	ing member of the Board of Directors;
16	(B) the Administrator, who shall serve as
17	the Chairman of the Board of Directors; and
18	(C) 7 additional members who shall—
19	(i) be appointed by the President [,
20	with the advice and consent of the Sen-
21	ate, for staggered 5-year terms; and
22	(ii) have experience in banking or fi-
23	nancial services relevant to the operations
24	of the Administration, including individuals
25	with substantial experience in the develop-

1	ment of energy projects, the electricity
2	generation sector, the transportation fuels
3	sector, and the manufacturing sector.
4	(2) Duties.—The Board of Directors shall—
5	(A) oversee the operations of the Adminis-
6	tration and ensure industry best practices are
7	followed in all financial transactions involving
8	the Administration;
9	(B) consult with the Administrator on the
10	general policies and procedures of the Adminis-
11	tration to ensure the interests of the taxpayers
12	are protected;
13	(C) ensure the portfolio of investments are
14	consistent with purposes of this Act and with
15	the long-term financial stability of the Adminis-
16	tration; and
17	(D) not serve on a full-time basis, except
18	that the Board of Directors shall meet at least
19	quarterly to review, as appropriate, applications
20	for credit support and set policies and proce-
21	dures as necessary.
22	(3) Removal.—An appointed member of the
23	Board of Directors may be removed from office by
24	the President for good cause.

1	(4) Vacancies.—An appointed seat on the
2	Board of Directors that becomes vacant shall be
3	filled by appointment by the President, but only for
4	the unexpired portion of the term of the vacating
5	member.
6	(5) Compensation of members.—An ap-
7	pointed member of the Board of Directors shall be
8	compensated at a rate equal to the daily equivalent
9	of the annual rate of basic pay prescribed for level
10	III of the Executive Schedule under section 5314 of
11	title 5, United States Code, for each day (including
12	travel time) during which the member is engaged in
13	the performance of the duties of the Board of Direc-
14	tors.
15	(d) Energy Technology Advisory Council.—
16	(1) In General.—The Administration shall
17	have an Energy Technology Advisory Council con-
18	sisting of—
19	(A) 5 members selected by the Secretary;
20	and
21	(B) 3 members selected by the Board of
22	Directors of the Administration.
23	(2) QUALIFICATIONS.—The members of the Ad-
24	visory Council shall—
25	(A) have relevant scientific expertise; and

1	(B) in the case of the members selected by
2	the Secretary under paragraph (1)(A), include
3	representatives of—
4	(i) the academic community;
5	(ii) the private research community;
6	(iii) National Laboratories; and
7	(iv) the technology or project develop-
8	ment community.
9	(3) Duties.—The Advisory Council shall—
10	(A) develop and publish for comment in
11	the Federal Register a methodology for assess-
12	ment of clean energy technologies that will
13	allow the Administration to evaluate projects
14	based on the progress likely to be achieved per-
15	dollar invested in maximizing the attributes of
16	the definition of clean energy technology, taking
17	into account the extent to which support for a
18	clean energy technology is likely to accrue sub-
19	sequent benefits that are attributable to a com-
20	mercial scale deployment taking place earlier
21	than that which otherwise would have occurred
22	without the support; and
23	(B) advise on the technological approaches
24	that should be supported by the Administration

1	to meet the technology deployment goals estab-
2	lished by the Secretary pursuant to section 5.
3	(4) Term.—
4	(A) In general.—Members of the Advi-
5	sory Council shall have 5-year staggered terms,
6	as determined by the Secretary and the Admin-
7	istrator.
8	(B) REAPPOINTMENT.—A member of the
9	Advisory Council may be reappointed.
10	(5) Compensation.—A member of the Advi-
11	sory Council, who is not otherwise compensated as
12	a Federal employee, shall be compensated at a rate
13	equal to the daily equivalent of the annual rate of
14	basic pay prescribed for level IV of the Executive
15	Schedule under section 5315 of title 5, United
16	States Code, for each day (including travel time)
17	during which the member is engaged in the perform-
18	ance of the duties of the Advisory Council.
19	(e) Staff.—
20	(1) In general.—The Administrator, in con-
21	sultation with the Board of Directors, may—
22	(A) appoint and terminate such officers,
23	attorneys, employees, and agents as are nec-
24	essary to carry out this Act; and

1	(B) vest those personnel with such powers
2	and duties as the Administrator may determine
3	(2) Direct hire authority.—
4	(A) IN GENERAL.—Notwithstanding sec-
5	tion 3304 and sections 3309 through 3318 of
6	title 5, United States Code, the Administrator
7	may, on a determination that there is a severe
8	shortage of candidates or a critical hiring need
9	for particular positions, recruit and directly ap-
10	point highly qualified critical personnel with
11	specialized knowledge important to the function
12	of the Administration into the competitive serv-
13	ice.
14	(B) Exception.—The authority granted
15	under subparagraph (A) shall not apply to posi-
16	tions in the excepted service or the Senior Exec-
17	utive Service.
18	(C) REQUIREMENTS.—In exercising the
19	authority granted under subparagraph (A), the
20	Administrator shall ensure that any action
21	taken by the Administrator—
22	(i) is consistent with the merit prin-
23	ciples of section 2301 of title 5, United
24	States Code; and

1	(ii) complies with the public notice re-
2	quirements of section 3327 of title 5,
3	United States Code.
4	(D) TERMINATION OF EFFECTIVENESS.—
5	The authority provided by this paragraph ter-
6	minates effective on the date that is 2 years
7	after the date of enactment of this Act.
8	(3) Critical Pay Authority.—
9	(A) In general.—Notwithstanding sec-
10	tion 5377 of title 5, United States Code, and
11	without regard to the provisions of that title
12	governing appointments in the competitive serv-
13	ice or the Senior Executive Service and chap-
14	ters 51 and 53 of that title (relating to classi-
15	fication and pay rates), the Administrator may
16	establish, fix the compensation of, and appoint
17	individuals to critical positions needed to carry
18	out the functions of the Administration, if the
19	Administrator certifies that—
20	(i) the positions require expertise of
21	an extremely high level in a financial, tech-
22	nical, or scientific field;
23	(ii) the Administration would not suc-
24	cessfully accomplish an important mission
25	without such an individual; and

1	(iii) exercise of the authority is nec-
2	essary to recruit an individual who is ex-
3	ceptionally well qualified for the position.
4	(B) Limitations.—The authority granted
5	under subparagraph (A) shall be subject to the
6	following conditions:
7	(i) The number of critical positions
8	authorized by subparagraph (A) may not
9	exceed 20 at any 1 time in the Administra-
10	tion.
11	(ii) The term of an appointment
12	under subparagraph (A) may not exceed 4
13	years.
14	(iii) An individual appointed under
15	subparagraph (A) may not have been an
16	Administration employee at any time dur-
17	ing the 2-year period preceding the date of
18	appointment.
19	(iv) Total annual compensation for
20	any individual appointed under subpara-
21	graph (A) may not exceed the highest total
22	annual compensation payable at the rate
23	determined under section 104 of title 3,
24	United States Code

1	(v) An individual appointed under
2	subparagraph (A) may not be considered
3	to be an employee for purposes of sub-
4	chapter II of chapter 75 of title 5, United
5	States Code.
6	(C) NOTIFICATION.—Each year, the Ad-
7	ministrator shall submit to Congress a notifica-
8	tion that lists each individual appointed under
9	this paragraph.
10	SEC. 7. ADMINISTRATION FUNCTIONS.
11	(a) Operational Units.—
12	(1) Direct support.—
13	(A) IN GENERAL.—The Administration
14	may issue direct loans, letters of credit, loan
15	guarantees, or such other credit enhancements
16	or debt instruments (including participation as
17	a co-lender or a member of a syndication) as
18	the Administrator considers appropriate to de-
19	ploy clean energy technologies if the Adminis-
20	
	trator has determined that deployment of the
21	trator has determined that deployment of the technologies would benefit or be accelerated by
21 22	
	technologies would benefit or be accelerated by

1	to projects, the Administrator shall account
2	for—
3	(i) how the technology rates based on
4	an evaluation methodology established by
5	the Advisory Council;
6	(ii) how the project fits with the goals
7	established under section 5; and
8	(iii) the potential for the applicant to
9	successfully complete the project and dem-
10	onstrate the commercial viability of the
11	technology.
12	(C) Risk.—
13	(i) Expected loan loss re-
14	SERVE.—The Administrator shall establish
15	an expected loan loss reserve for activities
16	under this section that is consistent with
17	the purposes of—
18	(I) developing breakthrough tech-
19	nologies to the point at which tech-
20	nology risk is largely mitigated;
21	(II) achieving widespread deploy-
22	ment and advancing the commercial
23	viability of clean energy technologies;
24	and

1	(III) advancing the goals estab-
2	lished under section 5.
3	(ii) Initial expected loan loss
4	RESERVE.—Until such time as the Admin-
5	istrator determines sufficient data exist to
6	establish an expected loan loss reserve that
7	is appropriate, the Administrator shall con-
8	sider establishing an initial rate of up to
9	10 percent for the portfolio of investments
10	under this Act.
11	(iii) Portfolio investment ap-
12	PROACH.—The Administration shall—
13	(I) use a portfolio investment ap-
14	proach to mitigate risk and diversify
15	investments across technologies;
16	(II) to the maximum extent prac-
17	ticable and consistent with long-term
18	self-sufficiency, weigh the portfolio of
19	investments in projects to advance the
20	goals established under section 5; and
21	(III) consistent with the expected
22	loan loss reserve established under
23	this subparagraph and the purposes of
24	this Act, provide the maximum prac-

1 ticable percentage of support to p	ro-
2 mote breakthrough technologies.	
3 (iv) Loss rate review.—	
4 (I) In General.—The Board	of
5 Directors shall review on an annual	ual
6 basis the loss rates of the portfolio	to
7 determine the adequacy of the	re-
8 serves.	
9 (II) Report.—Not later than	90
days after the date of the initiation	of
the review, the Administrator sh	ıall
submit to the Committee on Energy	rgy
and Natural Resources of the Sen	ate
and the Committee on Energy a	ınd
15 Commerce of the House of Represe	nt-
atives a report describing the resu	ılts
of the review and any recommend	ded
policy changes.	
19 (D) Application review.—	
20 (i) In general.—To the maximum	um
extent practicable and consistent w	ith
sound business practices, the Administ	ra-
tion shall seek to consolidate reviews of a	ap-
plications for credit support under this A	Act
such that final decisions on application	ons

1	can generally be issued not later than 180
2	days after the date of submission of a com-
3	pleted application.
4	(ii) Environmental review.—In
5	carrying out this Act, the Administration
6	shall, to the maximum extent practicable—
7	(I) avoid duplicating efforts that
8	have already been undertaken by
9	other agencies (including State agen-
10	cies acting under Federal programs);
11	and
12	(II) with the advice of the Coun-
13	cil on Environmental Quality and any
14	other applicable agencies, use the ad-
15	ministrative records of similar reviews
16	conducted throughout the executive
17	branch to develop the most expedi-
18	tious review process practicable.
19	(E) Wage rate requirements.—
20	(i) In general.—No credit support
21	shall be issued under this section unless
22	the borrower has provided to the Adminis-
23	trator reasonable assurances that all labor-
24	ers and mechanics employed by contractors
25	and subcontractors in the performance of

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construction work financed in whole or in part by the Administration will be paid wages at rates not less than those prevailing on projects of a character similar to the contract work in the civil subdivision of the State in which the contract work is to be performed as determined by the Secretary of Labor in accordance with subchapter IV of chapter 31 of part A of subtitle II of title 40, United States Code. (ii) Labor Standards.—With respect to the labor standards specified in this section, the Secretary of Labor shall have the authority and functions set forth in Reorganization Plan Numbered 14 of 1950 (64 Stat. 1267; 5 U.S.C. App.) and section 3145 of title 40, United States Code. (2) Indirect support.— IN GENERAL.—The Administration shall work to develop financial products and arrangements to both promote the widespread deployment of, and mobilize private sector support of credit and investment institutions for, clean

energy technologies through securitization, indi-

1	rect credit support, or other similar means of
2	credit enhancement.
3	(B) FINANCIAL PRODUCTS.—The Adminis-
4	tration—
5	(i) in cooperation with Federal, State,
6	local, and private sector entities, shall de-
7	velop debt instruments that provide for the
8	aggregation of, or directly aggregate,
9	projects for clean energy technology de-
10	ployments on a residential or small com-
11	mercial scale; and
12	(ii) may purchase, and make commit-
13	ments to purchase, any debt instrument
14	associated with the deployment of clean en-
15	ergy technologies for the purposes of en-
16	hancing the availability of private financ-
17	ing for clean energy technology deploy-
18	ments.
19	(C) Disposition of debt or inter-
20	EST.—The Administration may acquire, hold,
21	and sell or otherwise dispose of, pursuant to
22	commitments or otherwise, any debt associated
23	with the deployment of clean energy tech-
24	nologies or interest in the debt.
25	(D) Pricing.—

1	(i) In General.—The Administrator
2	may establish requirements, and impose
3	charges or fees, which may be regarded as
4	elements of pricing, for different classes of
5	sellers or services.
6	(ii) Classification of sellers.—
7	For the purpose of clause (i), the Adminis-
8	trator may classify sellers as necessary to
9	promote transparency and liquidity and
10	properly characterize the risk of default.
11	(E) ELIGIBILITY.—The Administrator
12	shall establish criteria and mechanisms such
13	that, to the maximum extent practicable, sellers
14	will be able to determine the eligibility of loans
15	for resale at the time of initial lending.
16	(F) Secondary Market Support.—
17	(i) In general.—The Administration
18	may lend on the security of, and make
19	commitments to lend on the security of
20	any debt that the Administration has
21	issued or is authorized to purchase under
22	this section.
23	(ii) Authorized actions.—On such
24	terms and conditions as the Administrator
25	may prescribe, the Administration may

1	with the concurrence of the Board of Di-
2	rectors—
3	(I) borrow;
4	(II) give security;
5	(III) pay interest or other return;
6	and
7	(IV) issue notes, debentures,
8	bonds, or other obligations or securi-
9	ties.
10	(G) Lending activities.—
11	(i) In General.—The Administrator
12	shall determine—
13	(I) the volume of the lending ac-
14	tivities of the Administration; and
15	(II) the types of loan ratios, risk
16	profiles, interest rates, maturities, and
17	charges or fees in the secondary mar-
18	ket operations of the Administration.
19	(ii) Objectives.—Determinations
20	under clause (i) shall be consistent with
21	the objectives of—
22	(I) providing an attractive invest-
23	ment environment for clean energy
24	technologies;

1	(II) making the operations of the
2	Administration self-supporting over
3	the long term; and
4	(III) advancing the goals estab-
5	lished under section 5.
6	(H) Exempt securities.—All securities
7	issued or guaranteed by the Administration
8	shall, to the same extent as securities that are
9	direct obligations of or obligations guaranteed
10	as to principal or interest by the United States
11	be considered to be exempt securities within the
12	meaning of the laws administered by the Secu-
13	rities and Exchange Commission.
14	(b) Other Authorized Programs.—
15	(1) IN GENERAL.—The Secretary may delegate
16	to the Administration the provision of financial serv
17	ices and program management for grant, loan, and
18	other credit enhancement programs authorized
19	under any other provision of law.
20	(2) Administration.—In administering any
21	other program delegated by the Secretary, the Ad-
22	ministration shall, to the maximum extent prac-
23	ticable (as determined by the Administrator)—

1	(A) administer the program in a manner
2	that is consistent with the terms and conditions
3	of this Act; and
4	(B) minimize the administrative costs to
5	the Federal Government.
6	SEC. 8. FEDERAL CREDIT AUTHORITY.
7	(a) Transfer of Functions and Authority.—
8	(1) In general.—Subject to paragraph (2), on
9	a finding by the Secretary and the Administrator
10	that the Administration is sufficiently ready to as-
11	sume the functions and that applicants to those pro-
12	grams will not be unduly adversely affected but in
13	no case later than 18 months after the date of en-
14	actment of this Act, all of the functions and author-
15	ity of the Secretary under title XVII of the Energy
16	Policy Act of 2005 (42 U.S.C. 16511 et seq.) and
17	authorities established by this Act shall be trans-
18	ferred to the Administration.
19	(2) Failure to transfer functions.—If the
20	functions and authorities are not transferred to the
21	Administration in accordance with paragraph (1),
22	the Secretary and the Administrator shall submit to
23	Congress a report on the reasons for delay and an
24	expected timetable for transfer of the functions and
25	authorities to the Administration.

1	(3) Effect on existing rights and obliga-
2	TIONS.—The transfer of functions and authority
3	under this subsection shall not affect the rights and
4	obligations of any party that arise under a prede-
5	cessor program or authority prior to the transfer
6	under this subsection.
7	(4) Transfer of fund authority.—On
8	transfer of functions pursuant to paragraph (1), the
9	Administration shall have all authorities to make use
10	of the Fund reserved for the Secretary before the
11	transfer.
12	(5) USE.—Amounts in the Fund shall be avail-
13	able for discharge of liabilities and all other expenses
14	of the Administration, including subsequent transfer
15	to the respective credit program accounts.
16	(6) Apportionment.—Receipts, proceeds, and
17	recoveries realized by the Administration and the ob-
18	ligations and expenditures made by the Administra-
19	tion pursuant to this subsection shall be exempt
20	from apportionment under subchapter II of chapter
21	15 of title 31, United States Code, and such receipts
22	shall accrue to the Fund for the continuing use of
23	the Administration.
24	(7) Initial investment.—

1	(A) IN GENERAL.—On transfer of func-
2	tions pursuant to paragraph (1), out of any
3	funds in the Treasury not otherwise appro-
4	priated, the Secretary of the Treasury shall
5	transfer to the Fund to carry out this Act
6	\$10,000,000,000, to remain available until ex-
7	pended.
8	(B) RECEIPT AND ACCEPTANCE.—The
9	Fund shall be entitled to receive and shall ac-
10	cept, and shall be used to carry out this Act,
11	the funds transferred to the Fund under sub-
12	paragraph (A), without further appropriation.
13	(8) Authorization of appropriations.—In
14	addition to funds made available by paragraphs (1)
15	through (7), there are authorized to be appropriated
16	to the Fund such sums as are necessary to carry out
17	this Act.
18	(b) Payments of Liabilities.—
19	(1) In general.—Any payment made to dis-
20	charge liabilities arising from agreements under this
21	Act shall be paid out of the Fund or the associated
22	credit program account, as appropriate.
23	(2) SECURITY.—The full faith and credit of the
24	United States is pledged to the payment of all obli-

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1	gations entered into by the Administration pursuant
2	to this Act.
3	(c) Fees.—
4	(1) In general.—Consistent with achieving
5	the purposes of this Act, the Administrator shall
6	charge fees or collect compensation generally in ac-
7	cordance with commercial rates.
8	(2) AVAILABILITY OF FEES.—All fees collected
9	by the Administration may be retained by the Ad-
10	ministration and placed in the Fund and may re-
11	main available to the Administration, without fur-
12	ther appropriation or fiscal year limitation, for use
13	in carrying out the purposes of this Act.
14	(3) Cost transfer authority.—Amounts
15	collected by the Administration for the cost of a loan
16	or loan guarantee shall be transferred by the Admin-
17	istration to the respective credit program accounts.
18	(4) Breakthrough technologies.—The Ad-
19	ministration shall charge the minimum amount in
20	fees or compensation practicable for breakthrough
21	technologies, consistent with the long-term viability
22	of the Administration, unless the Administration

first determines that the charge will not impede the

development of the technology.

1	(5) ALTERNATIVE FEE ARRANGEMENTS.—The
2	Administration may use such alternative arrange-
3	ments (such as profit participation) as the Adminis-
4	tration considers appropriate to compensate the Ad-
5	ministration for the expenses of the Administration
6	and the risk inherent in the support of the Adminis-
7	tration.
8	(d) Supplemental Borrowing Authority.—In
9	order to maintain sufficient liquidity for activities author-
10	ized under section 7(a)(2), the Administration may issue
11	notes, debentures, bonds, or other obligations for purchase
12	by the Secretary of the Treasury.
13	(e) Public Debt Transactions.—For the purpose
14	of subsection (d)—
15	(1) the Secretary of the Treasury may use as
16	a public debt transaction the proceeds of the sale of
17	any securities issued under chapter 31 of title 31,
18	United States Code; and
19	(2) the purposes for which securities may be
20	issued under that chapter are extended to include
21	any purchase under this subsection.
22	(f) Maximum Outstanding Holding.—The Sec-
23	retary of the Treasury shall purchase instruments issued
24	under subsection (d) to the extent that the purchase would
25	not increase the aggregate principal amount of the out-

- 1 standing holdings of obligations under subsection (d) by
- 2 the Secretary of the Treasury to an amount that is greater
- 3 than \$2,000,000,000.
- 4 (g) Rate of Return.—Each purchase of obligations
- 5 by the Secretary of the Treasury under this section shall
- 6 be on terms and conditions established to yield a rate of
- 7 return determined by the Secretary of the Treasury to be
- 8 appropriate, taking into account the current average rate
- 9 on outstanding marketable obligations of the United
- 10 States as of the last day of the month preceding the pur-
- 11 chase.
- 12 (h) SALE OF OBLIGATIONS.—The Secretary of the
- 13 Treasury may at any time sell, on terms and conditions
- 14 and at prices determined by the Secretary of the Treasury,
- 15 any of the obligations acquired by the Secretary of the
- 16 Treasury under this section.
- 17 (i) Public Debt Transactions.—All redemptions,
- 18 purchases, and sales by the Secretary of the Treasury of
- 19 obligations under this section shall be treated as public
- 20 debt transactions of the United States.
- 21 SEC. 9. GENERAL PROVISIONS.
- 22 (a) Immunity From Impairment, Limitation, or
- 23 Restriction.—
- 24 (1) IN GENERAL.—All rights and remedies of
- 25 the Administration (including any rights and rem-

1	edies of the Administration on, under, or with re-
2	spect to any mortgage or any obligation secured by
3	a mortgage) shall be immune from impairment, limi-
4	tation, or restriction by or under—
5	(A) any law (other than a law enacted by
6	Congress expressly in limitation of this para-
7	graph) that becomes effective after the acquisi-
8	tion by the Administration of the subject or
9	property on, under, or with respect to which the
10	right or remedy arises or exists or would so
11	arise or exist in the absence of the law; or
12	(B) any administrative or other action that
13	becomes effective after the acquisition.
14	(2) State law.—The Administrator may con-
15	duct the business of the Administration without re-
16	gard to any qualification or law of any State relating
17	to incorporation.
18	(b) Use of Other Agencies.—With the consent of
19	a department, establishment, or instrumentality (including
20	any field office), the Administration may—
21	(1) use and act through any department, estab-
22	lishment, or instrumentality;
23	(2) use, and pay compensation for, information,
24	services, facilities, and personnel of the department,
25	establishment, or instrumentality.

1	(c) Procurement.—The Administrator shall be the
2	senior procurement officer for the Administration for pur-
3	poses of section 16(a) of the Office of Federal Procure-
4	ment Policy Act (41 U.S.C. 414(a)).
5	(d) Financial Matters.—
6	(1) Investments.—Funds of the Administra-
7	tion may be invested in such investments as the
8	Board of Directors may prescribe.
9	(2) FISCAL AGENTS.—Any Federal Reserve
10	bank or any bank as to which at the time of the des-
11	ignation of the bank by the Administrator there is
12	outstanding a designation by the Secretary of the
13	Treasury as a general or other depository of public
14	money, may be designated by the Administrator as
15	a depositary or custodian or as a fiscal or other
16	agent of the Administration.
17	(e) Jurisdiction.—Notwithstanding section 1349 of
18	title 28, United States Code, or any other provision of
19	law—
20	(1) the Administration shall be considered a
21	corporation covered by sections 1345 and 1442 of
22	title 28, United States Code;
23	(2) all civil actions to which the Administration
24	is a party shall be considered to arise under the laws
25	of the United States, and the district courts of the

1	United States shall have original jurisdiction of all
2	such actions, without regard to amount or value;
3	and
4	(3) any civil or other action, case or controversy
5	in a court of a State, or in any court other than a
6	district court of the United States, to which the Ad-
7	ministration is a party may at any time before trial
8	be removed by the Administration, without the giv-
9	ing of any bond or security and by following any
10	procedure for removal of causes in effect at the time
11	of the removal—
12	(A) to the district court of the United
13	States for the district and division embracing
14	the place in which the same is pending; or
15	(B) if there is no such district court, to the
16	district court of the United States for the dis-
17	trict in which the principal office of the Admin-
18	istration is located.
19	(f) Periodic Reports.—Not later than 1 year after
20	commencement of operation of the Administration and at
21	least biannually thereafter, the Administrator shall submit
22	to the Committee on Energy and Natural Resources of
23	the Senate and the Committee on Energy and Commerce
24	of the House of Representatives a report that includes a
25	description of—

1	(1) the technologies supported by activities of
2	the Administration and how the activities advance
3	the purposes of this Act; and
4	(2) the performance of the Administration on
5	meeting the goals established under section 5.
6	(g) Audits by the Comptroller General.—
7	(1) In general.—The programs, activities, re-
8	ceipts, expenditures, and financial transactions of
9	the Administration shall be subject to audit by the
10	Comptroller General of the United States under
11	such rules and regulations as may be prescribed by
12	the Comptroller General.
13	(2) Access.—The representatives of the Gov-
14	ernment Accountability Office shall—
15	(A) have access to the personnel and to all
16	books, accounts, documents, records (including
17	electronic records), reports, files, and all other
18	papers, automated data, things, or property be-
19	longing to, under the control of, or in use by
20	the Administration, or any agent, representa-
21	tive, attorney, advisor, or consultant retained by
22	the Administration, and necessary to facilitate
23	the audit;

1	(B) be afforded full facilities for verifying
2	transactions with the balances or securities held
3	by depositories, fiscal agents, and custodians;
4	(C) be authorized to obtain and duplicate
5	any such books, accounts, documents, records,
6	working papers, automated data and files, or
7	other information relevant to the audit without
8	cost to the Comptroller General; and
9	(D) have the right of access of the Comp-
10	troller General to such information pursuant to
11	section 716(c) of title 31, United States Code.
12	(3) Assistance and cost.—
13	(A) IN GENERAL.—For the purpose of con-
14	ducting an audit under this subsection, the
15	Comptroller General may, in the discretion of
16	the Comptroller General, employ by contract,
17	without regard to section 3709 of the Revised
18	Statutes (41 U.S.C. 5), professional services of
19	firms and organizations of certified public ac-
20	countants for temporary periods or for special
21	purposes.
22	(B) Reimbursement.—
23	(i) In general.—On the request of
24	the Comptroller General, the Administra-
25	tion shall reimburse the General Account-

1	ability Office for the full cost of any audit
2	conducted by the Comptroller General
3	under this subsection.
4	(ii) Crediting.—Such reimburse-
5	ments shall—
6	(I) be credited to the appropria-
7	tion account entitled "Salaries and
8	Expenses, Government Accountability
9	Office" at the time at which the pay-
10	ment is received; and
11	(II) remain available until ex-
12	pended.
13	(h) Annual Independent Audit.—
14	(1) In General.—The Administrator shall
15	have an annual independent audit made of the fi-
16	nancial statements of the Administration by an inde-
17	pendent public accountant in accordance with gen-
18	erally accepted auditing standards.
19	(2) Content.—In conducting an audit under
20	this subsection, the independent public accountant
21	shall determine and report on whether the financial
22	statements of the Administration—
23	(A) are presented fairly in accordance with
24	generally accepted accounting principles; and

1	(B) to the extent determined necessary by
2	the Director, comply with any disclosure re-
3	quirements imposed under this Act.
4	(i) Financial Reports.—
5	(1) In General.—The Administrator shall
6	submit to the Secretary annual and quarterly re-
7	ports of the financial condition and operations of the
8	Administration, which shall be in such form, contain
9	such information, and be submitted on such dates as
10	the Secretary shall require.
11	(2) Contents of annual reports.—Each
12	annual report shall include—
13	(A) financial statements prepared in ac-
14	cordance with generally accepted accounting
15	principles;
16	(B) any supplemental information or alter-
17	native presentation that the Secretary may re-
18	quire; and
19	(C) an assessment (as of the end of the
20	most recent fiscal year of the Administration)
21	signed by the chief executive officer and chief
22	accounting or financial officer of the Adminis-
23	tration, of—

1	(i) the effectiveness of the internal
2	control structure and procedures of the
3	Administration; and
4	(ii) the compliance of the Administra-
5	tion with designated safety and soundness
6	laws.
7	(3) Special reports.—The Secretary may re-
8	quire the Administrator to submit other reports on
9	the condition (including financial condition), man-
10	agement, activities, or operations of the Administra-
11	tion, as the Secretary considers appropriate.
12	(4) Accuracy.—Each report of financial condi-
13	tion shall contain a declaration by the Administrator
14	or any other officer designated by the Board of Di-
15	rectors of the Administration to make the declara-
16	tion, that the report is true and correct to the best
17	of the knowledge and belief of the officer.
18	(5) Availability of reports.—Reports re-
19	quired under this section shall be published and
20	made publicly available as soon as is practicable
21	after receipt by the Secretary.
22	(j) Scope and Termination of Authority.—
23	(1) New obligations.—The Administrator
24	shall not initiate any new obligations under this Act
25	on or after January 1, 2029.

49

1 (2) REVERSION TO SECRETARY.—The authori-2 ties and obligations of the Administration shall re-3 vert to the Secretary on January 1, 2029.